



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Noor-UI Hasan Khan et al.	§	Group Art Unit: 1764
SERIAL NO.: 10/823,318	§	
FILED: April 13, 2004	§	Examiner: Not Assigned
TITLE: "An Improved Catalytic Process for the Preparation of Epoxides from Alkenes"	§	Confirmation No.: 4779
	§	Atty Docket No.: KSP-C1005US
	§	

Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the references listed on the attached Form PTO-1449 be considered by the Examiner and made of record.

This Supplemental Information Disclosure Statement is not to be considered as a representation that a search has been made or that no other material information as defined under 37 C.F.R. § 1.56(a) exists. The supplemental information disclosure statement submitted herewith is being filed before the mailing date of the first office action for this application.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 13-0010 (KSP-C1005US).

Respectfully submitted,

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Dated: December 7, 2004

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this paper, along with any referred to as being attached or enclosed, is being forwarded to Commissioner for Patents, P. O. Box 1450, Alexandria, Virginia 22313-1450, via the United States Postal Service, First Class Mail, prepaid on the 7th day of December, 2004.

By:   
Beth Pearson-Naul



FORM - 1449

SHEET 1

OF 5

<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO. KSP-C1005US	SERIAL NO. 10/823,318
	APPLICANT Noor-Ul Hasan Khan et al.	
	FILING DATE April 13, 2004	GROUP / CONFIRMATION 1764 / 4779

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
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	AG						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AH							
	AI							
	AJ							

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

	AK	Daniel Swern; <i>Electronic Interpretation of the Reaction of Olefins with Organic Per-acids</i> , The Journal of the Americal Chemical Society, Vol. 69, July-December 1947, pp. 1692-1698.
	AL	Teruaki Mukaiyama et al.; <i>Recent Advances in Aerobic Oxygenation</i> , Bull. Chem. Soc. Jpn., 68, No. 1, (1995), pp. 17-35, 1 Fig. 14 Tables.
	AM	Gianluca Pozzi et al.; <i>Cobalt tetraarylporphyrin-catalysed epoxidation of alkenes by dioxygen and 2-methylpropanal under fluoruous biphasic conditions</i> , Chem. Commun., 1997, pp. 69 and 70.

EXAMINER

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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant

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	BH							
	BI							
	BJ							

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

BK	George B. Payne et al.; <i>Reactions of Hydrogen Peroxide. VII. Alkali-Catalyzed Epoxidation and Oxidation Using a Nitrile as Co-reactant</i> , The Journal of Organic Chemistry, Volume 26, No. 3, March 1961, pp. 659-663.
BL	G. B. Payne, <i>A Simplified Procedure for Epoxidation by Benzonitrile-Hydrogen Peroxide, Selective Oxidation of 2-Allylcyclohexanone</i> , Tetrahedron, 1962, Vol. 18, pp. 763-765.
BM	Benjamin S. Lane et al.; <i>A Cheap, Catalytic, Scalable, and Environmentally Benign Method for Alkene Epoxidations</i> , J. Am. Chem. Soc. 2001, 123, pp. 2933 and 293, 1 Fig., 1 Table.

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	CI							
	CJ							

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CK	David E. Richardson et al.; <i>Equilibria, Kinetics and Mechanism in the Bicarbonate Activation of Hydrogen Peroxide: Oxidation of Sulfides by Peroxymonocarbonate</i> , J. Am. Chem. Soc. 2000, 122, pp. 1729-1739, 8 Figs.
CL	Heather Riley Tetzlaff et al.; <i>Kinetics and Mechanism of the Epoxidation of Allylic Alcohols by Hydrogen Peroxide with Methyltrioxorhenium as Catalyst</i> , Inorg. Chem. 1999, 38, pp. 881-885, 1 Table, 3 Figs.
CM	George Majetich et al.; <i>Carbodiimide-promoted Epoxidation of Olefins with Dilute Aqueous Hydrogen Peroxide</i> , SYNLETT, July 1996, pp. 649-651, 1 Table.

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	DI							
	DJ							

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DK	Eric N. Jacobsen; <i>Transition Metal-catalyzed Oxidations: Asymmetric Epoxidation</i> , Comprehensive Organometallic Chemistry II, Vol. 12, pp. 1097-1135, 20 Figs., 7 Tables.
DL	Alexander McKillop et al.; <i>Sodium Perborate and Sodium Percarbonate: Cheap, Safe and Versatile Oxidising Agents for Organic Synthesis</i> , Tetrahedron Report Number 373, 1995, Vol. 51, no. 22 pp. 6145-6166, 1 Table.
DM	John O. Edwards; <i>Nucleophilic Displacement on Oxygen in Peroxides</i> , Peroxide Reaction Mechanisms, Conference held at Brown University, Providence, RI, June 15-17, 1960, pp. 67-107, 2 Figs., 10 Tables.

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	EI							
	EJ							

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	EK	David E. Richardson et al.; <i>Kinetics and Equilibrium Formation of a Weakly Basic Oxidant System for Decontamination</i> , ERDEC Scientific Conference, 1999, pp. 293-298, 2 Tables.
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	EM	
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